

IN-CIRCUIT CONFIGURATION ARCHITECTURE FOR EMBEDDED CONFIGURABLE LOGIC ARRAY

ABSTRACT

5 **[0061]** A system-on-a-chip integrated circuit that includes a configurable logic array,
a processor core, and a memory adapted to store instructions for a mission function, and
instructions for a configuration load function used to load configuration data on to the
integrated circuit via an input port on the integrated circuit from an external source. The
processor fetches and executes the instructions from the memory. Configuration data
10 received using the configuration load function is used to configure the configurable logic
array.